

Center of Excellence in Chromosome Biology Retreat

May 12, 2006

AGENDA

- 8:00 a.m.–9:00 a.m. **Registration and Poster Set-up**
- 9:00 a.m.–9:20 a.m. **Welcome and Introductory Remarks**
Gordon Hager, Ph.D., Laboratory of Receptor Biology and Gene Expression, CCR
- 9:20 a.m.–10:20 a.m. **SESSION I: Chromatin Epigenetics and Dynamics**
Chair: Carl Wu, Ph.D., Laboratory of Molecular Cell Biology, CCR
- “A Role for HMGN Proteins in Chromatin Epigenetics”
Tetsuya Ueda, Ph.D., Laboratory of Metabolism, CCR
Principal Investigator: Michael Bustin, Ph.D.
- “Chromatin Dynamics in Embryonic Stem Cells”
Eran Meshorer, Ph.D., Cell Biology of Genomes LRBGE, CCR
Principal Investigator: Tom Misteli, Ph.D.
- 10:20 a.m.–10:35 a.m. **Break**
- 10:35 a.m.–12:05 p.m. **SESSION II: Chromatin Structure and Function**
Chair: Michael Bustin, Ph.D., Laboratory of Metabolism, CCR
- “Role of Boundary Elements in Genome Organization”
Ken-ichi Noma, Ph.D., Laboratory of Molecular Cell Biology, CCR
Principal Investigator: Shiv Grewal, Ph.D.
- “Analysis of DNA Palindromes from Yeast to Mammals (and back again)”
Alison Rattray, Ph.D., Gene Regulation and Chromosome Biology Laboratory, CCR
Principal Investigator: Jeffrey Strathern, Ph.D.
- “Using Small RNAs to Regulate the Response to Sugar Phosphate Stress in Bacteria”
Carin Vanderpool, Ph.D., Laboratory of Molecular Biology, CCR
Principal Investigator: Susan Gottesman, Ph.D.
- 12:05 p.m.–3:00 p.m. **Poster Viewing and Lunch on your own**

3:00 p.m.–4:00 p.m.

SESSION III: Histone Variants

Chair: Shiv Grewal, Ph.D., Laboratory of Molecular Cell Biology, CCR

“A Novel Protein Chaperone for the Histone Variant H2AZ”

Edward Luk, Ph.D., Laboratory of Molecular Cell Biology, CCR

Principal Investigator: Carl Wu, Ph.D.

“H2AX Phosphorylation at a Subset of DNA Breaks in H2AX
Haplo-insufficient Mice”

Arkady Celeste, Ph.D., Experimental Immunology Branch, CCR

Principal Investigator: Andre Nussenzweig, Ph.D.

4:00 p.m.–4:15 p.m.

Break

4:15 p.m.–5:15 p.m.

SESSION IV: Chromatin Controlled Gene Regulation and Tumorigenesis

Chair: Susan Gottesman, Ph.D., Laboratory of Molecular Biology, CCR

“Nuclear Topology and Transcriptional Consequences of Aneuploid
Chromosomes”

Kundan Sengupta, Ph.D., Genetics Branch, CCR

Principal Investigator: Thomas Ried, M.D.

“HDAC1 is a Coactivator for the Glucocorticoid Receptor, and
its Activity is Regulated by Acetylation”

*Yi Qiu, Ph.D., Laboratory of Receptor Biology and
Gene Expression, CCR*

Principal Investigator: Gordon Hager, Ph.D.

5:15 p.m.–5:30 p.m.

Closing Remarks

Robert Wiltrout, Ph.D., Director, Center for Cancer Research

5:30 p.m.

Adjourn